

ABSTRACT

A composite seal insertable between two relatively rotating members, and including a substantially rigid support for connection to a first of the members, and a flexible sliding sealing element carried integrally by the support and made of a non-elastomeric, synthetic plastic resin, preferably PTFE or similar; the flexible sealing element has at least one annular lip substantially in the form of a cylindrical sleeve and defined by a first lateral surface forming a sliding seal on a corresponding sealing surface of a second of the members; and an annular pressure element, made of an elastomer, is carried integrally by the annular lip on a second lateral surface, opposite the first, of the annular lip, and itself supports a toroidal spring inserted in an annular seat formed in the annular pressure element, on the opposite side to the annular lip.